

Rating Conditions

20 °F Superheat
 0 F Subcooling
 95 °F Ambient Air Over

60 Hz Operation

HIGH TEMPERATURE

ZS13KAE-TF5

HCFC-22

COPELAND SCROLL®

TF5 200/230-3-60

Condensing Temperature °F
 (Sat. Dew Pt. Pressure, psig) Evaporating Temperature °F (Sat. Dew Pt. Pressure, psig)

	0.0 (24)	5.0 (28)	15.0 (38)	20.0 (43)	30.0 (55)	40.0 (69)	45.0 (76)	55.0 (93)
150.0 (382) C P A M E %					12,950	15,850	17,450	21,200
					2,360	2,510	2,570	2,640
					6.9	7.2	7.4	7.6
					237	286	312	373
					5.5	6.3	6.8	8.0
					59.7	60.3	60.6	61.9
135.0 (317) C P A M E %				11,750	14,500	17,700	19,450	23,600
				1,950	2,070	2,190	2,230	2,260
				5.9	6.2	6.5	6.6	6.7
				199	242	291	318	379
				6.0	7.0	8.1	8.8	10.4
			60.9	61.9	61.9	62.0	62.9	
120.0 (260) C P A M E %			11,700	13,050	16,050	19,500	21,500	26,000
			1,655	1,695	1,795	1,885	1,915	1,915
			5.3	5.3	5.6	5.8	5.8	5.9
			184	204	247	296	324	386
			7.1	7.7	9.0	10.4	11.2	13.6
		62.6	63.6	63.6	62.7	62.4	62.7	
110.0 (226) C P A M E %	8,550	9,820	12,500	13,900	17,050	20,700	22,800	27,600
	1,480	1,465	1,495	1,535	1,620	1,700	1,720	1,700
	4.9	4.8	4.9	5.0	5.2	5.4	5.4	5.4
	131	150	187	207	250	300	328	391
	5.8	6.7	8.4	9.1	10.5	12.2	13.3	16.2
55.2	59.8	64.3	64.8	64.0	62.3	61.6	61.2	
100.0 (196) C P A M E %	9,190	10,500	13,250	14,700	18,050	21,900	24,100	29,200
	1,335	1,320	1,350	1,385	1,465	1,525	1,540	1,505
	4.6	4.5	4.6	4.7	4.8	5.0	5.0	5.0
	135	152	189	209	253	303	331	395
	6.9	8.0	9.8	10.7	12.3	14.4	15.7	19.4
57.7	61.8	65.4	65.4	63.5	60.8	59.6	58.0	
80.0 (144) C P A M E %	10,300	11,650	14,600	16,200	19,850	24,200	26,600	32,300
	1,075	1,065	1,090	1,125	1,195	1,240	1,240	1,175
	4.1	4.1	4.1	4.2	4.3	4.4	4.4	4.2
	138	155	192	212	256	308	337	404
	9.6	11.0	13.4	14.5	16.7	19.6	21.5	27.5
60.2	63.2	64.1	62.6	57.8	52.1	49.2	43.2	
60.0 (102) C P A M E %	11,100	12,550	15,750	17,500				
	873	868	905	937				
	3.8	3.7	3.8	3.8				
	138	155	192	212				
	12.8	14.5	17.4	18.7				
56.9	58.0	54.8	51.3					
40.0 (69) C P A M E %	11,650							
	748							
	3.6							
	135							
	15.6							
44.2								

C: Capacity (Btu/hr), P: Power (W), A: Current (Amps), M: Mass Flow (lb/hr), E: EER (Btu/Wh), %: Isentropic Efficiency (%)

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 230 V